

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	32551	(pore or porous) and foam and polymer and (particle or solid or powder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:24
S2	0	S1 and @pd<10/4/96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:24
S3	7537	S1 and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:05
S4	237	S3 and sinter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:37
S5	1	S4 and apatite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:25
S6	0	S4 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:38
S7	1355	S1 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:39
S8	7	S3 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 09:39

## EAST Search History

S9	1353	S3 and (apatite or oxide or ceramic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:06
S10	4476	S3 and (apatite or oxide or ceramic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 07:48
S11	764	S9 and (bond or sinter or fuse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:09
S12	0	11and (bond or sinter or fuse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:09
S13	764	S11 and (bond or sinter or fuse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:09
S14	3	S11 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:12
S15	4	S9 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:13
S16	358	S9 and surfactant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:13

## EAST Search History

S17	265	S16 and (heat or sinter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:14
S18	0	S17 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:14
S19	0	S16 and sambrook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 12:14
S20	32607	(pore or porous) and foam and polymer and (particle or solid or powder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 07:48
S21	7537	S20 and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 07:48
S22	4476	S21 and (apatite or oxide or ceramic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 07:48
S23	2	S22 and magder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 08:06
S24	1	("3833386").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 08:09
S25	1	("5082607").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 11:17

## EAST Search History

S26	0	S25 and bubble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 11:17
S27	0	S25 and air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 11:17
S28	1	S25 and gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 11:18
S29	1	("5108956").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 11:18
S30	667	(bone (defect or substitute)) and porous and cell and ingrowth and (drug or (active agent) or pharmaceutical or medicament or (growth factor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 13:15
S31	667	S30 and pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 13:16
S32	58	S30 and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/30 13:16
S39	7	ammonium persulfate and catalyst and initiator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:46
S40	6514	ammonium persulfate and catalyst and initiator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:47

## EAST Search History

S41	5176	S40 and polymerization and radical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:47
S42	2499	S41 and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:48
S43	1808	S42 and styrene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:48
S44	1544	S43 and methacrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:55
S45	9784	electrophoresis gel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:55
S46	82	S45 and (ammonium persulfate) and radical and catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:56
S47	1695	S45 and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/05 11:57
S53	1125	ceramic filter and pore size	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/06 07:01

## EAST Search History

S64	1	porous alumina and (drug or agent or active or pharmaceutical or medicament) and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/06 08:31
S65	1288	porous alumina and (drug or agent or active or pharmaceutical or medicament) and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/06 08:33
S66	122	S65 and (release or deliver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/06 08:32
S67	156	porous alumina and (drug or pharmaceutical or medicament) and @pd<"19961004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/06 08:33
S68	16	S67 and (release or deliver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/06 08:34

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NEWS	5	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS	6	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS	7	MAY 21	CA/CAPLUS enhanced with additional kind codes for German patents
NEWS	8	MAY 22	CA/CAPLUS enhanced with IPC reclassification in Japanese patents
NEWS	9	JUN 27	CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers
NEWS	10	JUN 29	STN Viewer now available
NEWS	11	JUN 29	STN Express, Version 8.2, now available
NEWS	12	JUL 02	LEMBASE coverage updated
NEWS	13	JUL 02	LMEDLINE coverage updated
NEWS	14	JUL 02	SCISEARCH enhanced with complete author names
NEWS	15	JUL 02	CHEMCATS accession numbers revised
NEWS	16	JUL 02	CA/CAPLUS enhanced with utility model patents from China
NEWS	17	JUL 16	CAPLUS enhanced with French and German abstracts
NEWS	18	JUL 18	CA/CAPLUS patent coverage enhanced
NEWS	19	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	20	JUL 30	USGENE now available on STN
NEWS	21	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	22	AUG 06	BEILSTEIN updated with new compounds
NEWS	23	AUG 06	FSTA enhanced with new thesaurus edition
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NEWS	26	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	27	AUG 27	USPATOLD now available on STN
NEWS	28	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS EXPRESS	29	JUNE 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.
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E2 1 UNDERSINSURED/BI

E3 0 --> UNDERSINT/BI  
E4 2 UNDERSINTER/BI  
E5 33 UNDERSINTERED/BI  
E6 12 UNDERSINTERING/BI  
E7 1 UNDERSINUSOIDAL/BI  
E8 1 UNDERSIO/BI  
E9 1 UNDERSIOI/BI  
E10 1 UNDERSIOD/BI  
E11 3 UNDERSION/BI  
E12 1 UNDERSIOO/BI

=> s e4, e5, e6

L1 46 (UNDERSINTER/BI OR UNDERSINTERED/BI OR UNDERSINTERING/BI)

=> s l1 and (pd<1196)

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L2 0 L1 AND (PD<1196)

=>

=> focus l1

PROCESSING COMPLETED FOR L1

L3 46 FOCUS L1 1-

=> d 1 bib ti

L3 ANSWER 1 OF 46 USPATFULL on STN

AN 1998:123413 USPATFULL

TI Dielectric ceramic composition and monolithic ceramic capacitor using  
the same

IN Mizuno, Shinobu, Muko, Japan  
Tanaka, Hidehiko, Shiga-ken, Japan

PA Murata Manufacturing Co., Ltd., Kyoto, Japan (non-U.S. corporation)

PI US 5818686 19981006

AI US 1997-906036 19970805 (8)

PRAI JP 1996-206083 19960805

JP 1996-206084 19960805

DT Utility

FS Granted

EXNAM Primary Examiner: Kincaid, Kristine L.; Assistant Examiner: Dinkins,  
Anthony

LREP Ostrolenk, Faber, Gerb & Soffen, LLP

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN 5 Drawing Figure(s); 4 Drawing Page(s)

LN.CNT 1615

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Dielectric ceramic composition and monolithic ceramic capacitor using the same

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11 FILES SEARCHED...

13 FILES SEARCHED...

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L4 22 L1 AND (PY<1996)

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=> d 1-22 ibib

L4 ANSWER 1 OF 22 ANTE COPYRIGHT 2007 CSA on STN

ACCESSION NUMBER: 2004088742 ANTE

DOCUMENT NUMBER: 9114275

TITLES: Optimisation of Processing Parameters for Direct Vacuum Sintering of a T15 High Speed Steel

AUTHOR: Santos, M; Oliveira, M M; Rebbeck, M M; Wronski, A S

CORPORATE SOURCE: LNETI

SOURCE: Powder Metallurgy. Vol. 34, no. 2, pp. 93-100. 1991  
Published by: Institute of Materials, 1 Carlton House  
Terrace, London, SW1Y 5DB, UK  
ISSN: 0032-5899

LANGUAGE: English

OTHER SOURCE: Metadex (MD)

L4 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1993:676405 CAPLUS

DOCUMENT NUMBER: 119:276405

TITLE: Aspects of dimensional control during manufacture of bronze self lubricating bearings

AUTHOR(S): Berry, D. F.; Klar, E.; Veloff, N.

CORPORATE SOURCE: SCM Met. Prod., Inc., Research Triangle Park, NC,  
27709, USA

SOURCE: Advances in Powder Metallurgy & Particulate Materials  
(1992), (Vol. 6, Non-Ferrous Materials),  
51-61

CODEN: APMME3; ISSN: 1065-5824

DOCUMENT TYPE: Journal

LANGUAGE: English

L4 ANSWER 3 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1991:636786 CAPLUS

DOCUMENT NUMBER: 115:236786

TITLE: Optimization of processing parameters for direct  
vacuum sintering of a T15 high speed steel

AUTHOR(S): Santos, M.; Oliveira, M. M.; Rebbeck, M. M.; Wronski, A. S.  
CORPORATE SOURCE: Dep. Mater. Technol., LNETI, Lisbon, Port.  
SOURCE: Powder Metallurgy (1991), 34(2), 93-100  
CODEN: PWMTAU; ISSN: 0032-5899  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L4 ANSWER 4 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1989:61615 CAPLUS  
DOCUMENT NUMBER: 110:61615  
TITLE: Combined effects of sintering, HIP'ing and heat-treating parameters on the cutting properties of T15 high-speed steel

AUTHOR(S): Martins, I. M.; Santos, M.; Oliveira, M. M.; Carvalhinhos, H.  
CORPORATE SOURCE: Dep. Mater. Technol., LNETI, Lisbon, Port.  
SOURCE: Modern Developments in Powder Metallurgy (1988), 19, 319-28  
CODEN: MDPDB2; ISSN: 0097-2223  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L4 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1989:61604 CAPLUS  
DOCUMENT NUMBER: 110:61604  
TITLE: Microstructures, mechanical, and cutting properties of directly sintered and wrought M2, T1, T6, and T42 high speed steels  
AUTHOR(S): Wronski, A. S.; Rebbeck, M. M.; Wright, C. S.; Price, W. J. C.; Childs, T. H. C.  
CORPORATE SOURCE: Eng. Mater. Group, Univ. Bradford, Bradford/W. Yorks., BD7 1DP, UK  
SOURCE: Adv. Hard Mater. Prod., Conf. Proc. (1988), 28/1-28/22. MPR Publ. Serv. Ltd.: Shrewsbury, UK.  
CODEN: 56KRA4  
DOCUMENT TYPE: Conference  
LANGUAGE: English

L4 ANSWER 6 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1988:25115 CAPLUS  
DOCUMENT NUMBER: 108:25115  
TITLE: Toughness of vacuum sintered P/M high-speed steels  
AUTHOR(S): Beiss, P.; Waehling, R.; Duda, D.  
CORPORATE SOURCE: Sintermetallwerk Krebssoege G.m.b.H., Radevormwald, D-5608, Fed. Rep. Ger.  
SOURCE: Modern Developments in Powder Metallurgy (1985), Volume Date 1984, 17, 331-57  
CODEN: MDPDB2; ISSN: 0097-2223  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English

L4 ANSWER 7 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1970:34498 CAPLUS  
DOCUMENT NUMBER: 72:34498  
TITLE: Kinetic features of magnetizing roasting of Krivoi-Rog quartzites in a fluidized bed

AUTHOR(S): Ivanov, A. I.  
CORPORATE SOURCE: Donets. Politekh. Inst., Donetsk, USSR  
SOURCE: Izvestiya Vysshikh Uchebnykh Zavedenii, Chernaya  
Metallurgiya (1969), 12(10), 34-7  
CODEN: IVUMAX; ISSN: 0368-0797  
DOCUMENT TYPE: Journal  
LANGUAGE: Russian

L4 ANSWER 8 OF 22 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1965:14233 CAPLUS  
DOCUMENT NUMBER: 62:14233  
ORIGINAL REFERENCE NO.: 62:2570d-g  
TITLE: Sintering of Alnico powder magnets in glass containers  
AUTHOR(S): Yarnton, D.; Torry, M.; Dawson, C.  
CORPORATE SOURCE: Coll. Technol., Rotherham, UK  
SOURCE: Powder Met. (1964), 7(14), 300-12  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L4 ANSWER 9 OF 22 COMPENDEX COPYRIGHT 2007 EEI on STN  
ACCESSION NUMBER: 1992(2):16565 COMPENDEX  
DOCUMENT NUMBER: 920224169  
TITLE: Optimisation of processing parameters for direct  
vacuum sintering of a T15 high speed steel.  
AUTHOR: Santos, M. (LNETI, Lisbon, Port); Oliveira, M.M.;  
Rebbeck, M.M.; Wronski, A.S.  
SOURCE: Powder Metall v 34 n 2 1991 p 93-100  
SOURCE: Powder Metall v 34 n 2 1991 p 93-100  
CODEN: PWMTAU ISSN: 0032-5899  
PUBLICATION YEAR: 1991  
DOCUMENT TYPE: Journal  
TREATMENT CODE: Experimental  
LANGUAGE: English

L4 ANSWER 10 OF 22 COMPENDEX COPYRIGHT 2007 EEI on STN  
ACCESSION NUMBER: 1988(8):108850 COMPENDEX  
DOCUMENT NUMBER: 880876933  
TITLE: PROCESSING VARIABLES AND CUTTING PROPERTIES OF VACUUM  
SINTERED M2 AND T15 STEEL TOOLS.  
AUTHOR: Oliveira, M.M. (LNETI, Lisbon, Port); Martins, I.M.;  
Mesquita, R.M.D.; Marques, M.B.; Carvalhinhos, H.  
SOURCE: Met Powder Rep v 43 n 3 Mar 1988 p 196-197  
SOURCE: Met Powder Rep v 43 n 3 Mar 1988 p 196-197  
CODEN: MPWRAQ ISSN: 0026-0657  
PUBLICATION YEAR: 1988  
DOCUMENT TYPE: Journal  
TREATMENT CODE: Experimental  
LANGUAGE: English

L4 ANSWER 11 OF 22 COMPENDEX COPYRIGHT 2007 EEI on STN  
ACCESSION NUMBER: 1987(7):117393 COMPENDEX  
TITLE: PROCESSING VARIABLES AND CUTTING PROPERTIES OF VACUUM  
SINTERED M2 AND T15 STEEL TOOLS.  
AUTHOR: Oliveira, M.M. (LNETI, Lisbon, Port); Martins, I.M.;  
Mesquita, R.M.D.; Marques, M.B.; Carvalhinhos, H.  
MEETING TITLE: Horizons of Powder Metallurgy. Proceedings of the 1986  
International Powder Metallurgy Conference and

MEETING ORGANIZER: Exhibition: The Future of Powder Metallurgy, P/M '86.  
Ausschuss fuer Pulvermetallurgie, Hagen, West Ger;  
European Powder Metallurgy Federation  
MEETING LOCATION: Duesseldorf, West Ger  
MEETING DATE: 07 Jul 1986-11 Jul 1986  
SOURCE: v 1. Publ by Verlag Schmid GmbH, Freiburg, West Ger p  
233-236  
SOURCE: v 1. Publ by Verlag Schmid GmbH, Freiburg, West Ger p  
233-236  
PUBLICATION YEAR: 1986  
MEETING NUMBER: 09828  
DOCUMENT TYPE: Conference Article  
LANGUAGE: English

L4 ANSWER 12 OF 22 COMPENDEX COPYRIGHT 2007 EEI on STN  
ACCESSION NUMBER: 1980(6):7106 COMPENDEX  
DOCUMENT NUMBER: 800647111  
TITLE: OUTPUT CONTROL FROM A SINTER STRAND THROUGH THE  
MANIPULATION OF STRAND SPEED; RECENT RESULTS OF A  
SIMULATION INVESTIGATION.  
AUTHOR: Radmanesh, A. (Univ of Sheffield, Engl); Rose, E.  
SOURCE: Proc IEEE Conf Decis Control Incl Symp Adapt Processes  
18th, Fort Lauderdale, Fla, Dec 12-14 1979. Publ by  
IEEE (Cat n 79CH1486-OCS), New York, NY, 1979 v 2 p  
903-904  
SOURCE: Proc IEEE Conf Decis Control Incl Symp Adapt Processes  
18th, Fort Lauderdale, Fla, Dec 12-14 1979. Publ by  
IEEE (Cat n 79CH1486-OCS), New York, NY, 1979 v 2 p  
903-904  
CODEN: PCDCDZ  
PUBLICATION YEAR: 1979  
LANGUAGE: English

L4 ANSWER 13 OF 22 INSPEC (C) 2007 IET on STN  
ACCESSION NUMBER: 1991:4009276 INSPEC  
DOCUMENT NUMBER: A1991-144480  
TITLE: Optimisation of processing parameters for direct  
vacuum sintering of a T15 high speed steel  
AUTHOR: Santos, M.; Oliveira, M.M.; (Dept. of Mater.  
Technol., LNETI, Lisbon, Portugal), Rebbeck, M.M.;  
Wronski, A.S.  
SOURCE: Powder Metallurgy (1991), vol.34, no.2, p. 93-100, 10  
refs.  
CODEN: PWMTAU, ISSN: 0032-5899  
DOCUMENT TYPE: Journal  
TREATMENT CODE: Experimental  
COUNTRY: United Kingdom  
LANGUAGE: English

L4 ANSWER 14 OF 22 METADEX COPYRIGHT 2007 CSA on STN  
ACCESSION NUMBER: 1993(5):54-425 METADEX  
TITLE: Aspects of Dimensional Control During Manufacture of  
Bronze Self Lubricating Bearings.  
AUTHOR: Barry, D.F. (SCM Metal Products); Klar, E. (SCM Metal  
Products); Veloff, N. (SCM Metal Products)  
SOURCE: Published by: Metal Powder Industries Federation. 105  
College Rd. East, Princeton, New Jersey 08540-6692,

USA. 1992, pp. 51-61, Graphs,  
Photomicrographs, 13 ref. Accession Number:  
93(5):72-266  
Conference: Advances in Powder Metallurgy &  
Particulate Materials-1992. Vol. 6. Non-Ferrous  
Materials, San Francisco, California, USA, 21-26 June  
1992

DOCUMENT TYPE: Conference Article  
COUNTRY: United States  
LANGUAGE: English

L4 ANSWER 15 OF 22 METADEX COPYRIGHT 2007 CSA on STN  
ACCESSION NUMBER: 1991(11):54-1411 METADEX  
TITLE: Optimisation of Processing Parameters for Direct  
Vacuum Sintering of a T15 High Speed Steel.  
AUTHOR: Santos, M.; Oliveira, M.M.; Rebbeck, M.M.; Wronski,  
A.S.  
CORPORATE SOURCE: LNETI; University of Bradford  
SOURCE:

Powder Metallurgy (1991), vol. 34, (2), pp.  
93-100  
ISSN: 0032-5899

DOCUMENT TYPE: Journal  
LANGUAGE: English

L4 ANSWER 16 OF 22 USPATFULL on STN  
ACCESSION NUMBER: 95:77927 USPATFULL  
TITLE: Heat-resistant metal monolith and manufacturing method  
therefor  
INVENTOR(S): Harada, Takashi, Nagoya, Japan  
Mizuno, Hiroshige, Tajimi, Japan  
Abe, Fumio, Handa, Japan  
Ohashi, Tsuneaki, Ohgaki, Japan  
PATENT ASSIGNEE(S): NGK Insulators, Ltd., Japan (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5445786		19950829	<--
APPLICATION INFO.:	US 1994-354889		19941209	(8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-118771, filed on 10 Sep 1993, now abandoned which is a division of Ser. No. US 1992-955247, filed on 1 Oct 1992, now patented, Pat. No. US 5292485 which is a continuation of Ser. No. US 1990-545488, filed on 29 Jun 1990, now abandoned			

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1990-88955	19900403
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Walsh, Donald P.	
ASSISTANT EXAMINER:	Jenkins, Daniel	
LEGAL REPRESENTATIVE:	Parkhurst, Wendel & Rossi	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	504	



L4 ANSWER 17 OF 22 USPATFULL on STN

ACCESSION NUMBER: 95:43106 USPATFULL  
 TITLE: Dielectric ceramic composition for low temperature sintering  
 INVENTOR(S): Azumi, Takeshi, Nagaokakyo, Japan  
 Yoneda, Yasunobu, Nagaokakyo, Japan  
 Morii, Hiroshi, Nagaokakyo, Japan  
 PATENT ASSIGNEE(S): Murata Manufacturing Co., Ltd., Kyoto, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5415945		19950516 <--
APPLICATION INFO.:	US 1992-890390		19920526 (7)
DISCLAIMER DATE:	20080205		
RELATED APPLN. INFO.:	Division of Ser. No. US 1991-716820, filed on 17 Jun 1991, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1990-161764	19900619
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Thibodeau, Paul J.	
ASSISTANT EXAMINER:	Follett, R.	
LEGAL REPRESENTATIVE:	Ostrolenk, Faber, Gerb & Soffen	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	351	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 18 OF 22 USPATFULL on STN

ACCESSION NUMBER: 94:19925 USPATFULL  
 TITLE: Heat-resistant metal monolith  
 INVENTOR(S): Harada, Takashi, Nagoya, Japan  
 Mizuno, Hiroshige, Tajimi, Japan  
 Abe, Fumio, Handa, Japan  
 Ohashi, Tsuneaki, Ohgaki, Japan  
 PATENT ASSIGNEE(S): NGK Insulators, Ltd., Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5292485		19940308 <--
APPLICATION INFO.:	US 1992-955247		19921001 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1990-545488, filed on 29 Jun 1990		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1990-88955	19900403
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Housel, James C.	
ASSISTANT EXAMINER:	Bhat, N.	
LEGAL REPRESENTATIVE:	Parkhurst, Wendel & Rossi	

NUMBER OF CLAIMS: 20  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 2 Drawing Figure(s); 1 Drawing Page(s)  
 LINE COUNT: 570

L4 ANSWER 19 OF 22 USPATFULL on STN

ACCESSION NUMBER: 91:10490 USPATFULL  
 TITLE: Aluminide structures and method  
 INVENTOR(S): Pierotti, Kim D., Painted Post, NY, United States  
 Swaroop, Srinivas H., Painted Post, NY, United States  
 Wusirika, Raja R., Painted Post, NY, United States  
 PATENT ASSIGNEE(S): Corning Incorporated, Corning, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 4990181		19910205	<--
APPLICATION INFO.:	US 1989-323449		19890314	(7)
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Lechert, Jr., Stephen J.			
LEGAL REPRESENTATIVE:	Wardell, Richard N.			
NUMBER OF CLAIMS:	26			
EXEMPLARY CLAIM:	1			
LINE COUNT:	329			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 20 OF 22 USPATFULL on STN

ACCESSION NUMBER: 88:45356 USPATFULL  
 TITLE: Porous metal bodies  
 INVENTOR(S): Pierotti, Kim D., Painted Post, NY, United States  
 Wusirika, Raja R., Painted Post, NY, United States  
 PATENT ASSIGNEE(S): Corning Glass Works, Corning, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 4758272		19880719	<--
APPLICATION INFO.:	US 1987-54845		19870527	(7)
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Lechert, Jr., Stephen J.			
LEGAL REPRESENTATIVE:	Wardell, Richard N., Janes, Jr., Clinton S.			
NUMBER OF CLAIMS:	16			
EXEMPLARY CLAIM:	1			
LINE COUNT:	372			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 21 OF 22 USPATFULL on STN

ACCESSION NUMBER: 82:46579 USPATFULL  
 TITLE: Prosthetic devices having sintered thermoplastic coatings with a porosity gradient  
 INVENTOR(S): Ballintyn, Nicolaas J., Somerville, NJ, United States  
 Michno, Jr., Michael J., Bridgewater, NJ, United States  
 PATENT ASSIGNEE(S): Union Carbide Corporation, Danbury, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 4351069		19820928	<--
APPLICATION INFO.:	US 1979-103399		19791213	(6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1979-53192, filed on 29 Jun 1979, now abandoned			
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Frinks, Ronald L.			
LEGAL REPRESENTATIVE:	Papuga, Donald M.			
NUMBER OF CLAIMS:	20			
EXEMPLARY CLAIM:	1			
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)			
LINE COUNT:	677			
CAS INDEXING IS AVAILABLE FOR THIS PATENT.				

L4 ANSWER 22 OF 22 USPATFULL on STN

ACCESSION NUMBER: 75:6566 USPATFULL

TITLE: METHOD FOR MAKING AN ELECTRIC CONTACT BY POWDER METALLURGY AND THE RESULTING CONTACT

INVENTOR(S): Schreiner, Horst, Nuremberg, Germany, Federal Republic of  
Rothkegel, Bernhard, Nuremberg, Germany, Federal Republic of

PATENT ASSIGNEE(S): Siemens Aktiengesellschaft, Munich, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 3864827		19750211	<--
APPLICATION INFO.:	US 1972-283409		19720824	(5)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1971-2143844	19710901
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Lanham, C. W.	
ASSISTANT EXAMINER:	Duzan, James R.	
LEGAL REPRESENTATIVE:	Kenyon & Kenyon Reilly Carr & Chapin	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	644	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
122.27	122.48

FULL ESTIMATED COST

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PASSWORD:

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SINCE FILE	TOTAL
ENTRY	SESSION
122.72	122.93

FULL ESTIMATED COST

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E UNDERSINT  
L1 46 S E4, E5, E6  
L2 0 S L1 AND (PD<1196)  
L3 46 FOCUS L1 1-  
L4 22 S L1 AND (PY<1996)

=> sl3 not l4  
SL3 IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> s l3 not l4  
21 FILES SEARCHED...  
36 FILES SEARCHED...  
L5 24 L3 NOT L4

=> d 1-23 ibib

L5 ANSWER 1 OF 24 1MOBILITY COPYRIGHT 2007 SAE on STN  
ACCESSION NUMBER: 1998:1475 1MOBILITY  
DOCUMENT NUMBER: 980334  
TITLE: The warm compaction process. Basics, advantages and limitations  
AUTHOR: Bocchini, G. Filippo(P/M Progress)  
SOURCE: (1998 Feb) . Society of Automotive Engineers, Inc., Warrendale, Pennsylvania, USA.  
Meeting Info.: SAE International Congress and Exposition. Detroit, Michigan, USA. 1998 Feb 23 - 1998 Feb 26.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Conference Article; (Technical Paper)  
FILE SEGMENT: SAE  
LANGUAGE: English

L5 ANSWER 2 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1999:474848 CAPLUS  
DOCUMENT NUMBER: 131:231660  
TITLE: Warm compaction of metal powders: why it works, why it requires a sophisticated engineering approach  
AUTHOR(S): Bocchini, G. F.  
CORPORATE SOURCE: Rapallo, 16035, Italy  
SOURCE: Powder Metallurgy (1999), 42(2), 171-180  
CODEN: PWMTAU; ISSN: 0032-5899  
PUBLISHER: Institute of Materials  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1999:474843 CAPLUS  
 DOCUMENT NUMBER: 131:231431  
 TITLE: Supersolidus liquid phase sintering of high speed steels. Part 3: computer aided design of sinterable alloys  
 AUTHOR(S): Wright, C. S.; Youseffi, M.; Wronski, A. S.; Ansara, I.; Durand-Charre, M.; Mascarenhas, J.; Oliveira, M. M.; Lemoisson, F.; Bienvenu, Y.  
 CORPORATE SOURCE: Engineering Materials Research Group, Department of Mechanical and Medical Engineering, University of Bradford, Bradford, BD7 1DP, UK  
 SOURCE: Powder Metallurgy (1999), 42(2), 131-146  
 CODEN: PWMTAU; ISSN: 0032-5899  
 PUBLISHER: Institute of Materials  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1996:509647 CAPLUS  
 DOCUMENT NUMBER: 125:147539  
 TITLE: Method for sintering iron ore  
 INVENTOR(S): Shimakawa, Yoshiaki; Nakasaki, Akikazu  
 PATENT ASSIGNEE(S): Shinnippon Seitetsu KK, Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08143981	A	19960604	JP 1994-312608	19941121
PRIORITY APPLN. INFO.:			JP 1994-312608	19941121

L5 ANSWER 5 OF 24 COMPENDEX COPYRIGHT 2007 EEI on STN  
 ACCESSION NUMBER: 1999(36):4000 COMPENDEX  
 TITLE: Supersolidus liquid phase sintering of high speed steels. Part 3: Computer aided design of sinterable alloys.  
 AUTHOR: Wright, C.S. (Univ of Bradford, Bradford, UK); Youseffi, M.; Wronski, A.S.; Ansara, I.; Durand-Charre, M.; Mascarenhas, J.; Oliveira, M.M.; Lemoisson, F.; Bienvenu, Y.  
 SOURCE: Powder Metallurgy v 42 n 2 1999.p 131-146  
 SOURCE: Powder Metallurgy v 42 n 2 1999.p 131-146  
 CODEN: PWMTAU ISSN: 0032-5899  
 PUBLICATION YEAR: 1999  
 DOCUMENT TYPE: Journal  
 TREATMENT CODE: Experimental  
 LANGUAGE: English

L5 ANSWER 6 OF 24 IFIPAT COPYRIGHT 2007 IFI on STN  
 AN 10746026 IFIPAT;IFIUDB;IFICDB

TITLE: PRODUCTION OF POROUS ARTICLES; A CERAMIC PARTICLE DISPERSION IN A MONOMERIC SOLUTION IS FOAMED, POLYMERIZED, AND DRIED; BONE CELLS OR DRUGS ARE ADHERED TO THE PORES; BONE GRAFTS FOR ORTHOPEDICS, SURGERY OR DENTISTRY

INVENTOR(S): Sambrook; Rodney Martin, Sheffield, GB  
Smith; Robert Terence, Rotherham, GB

PATENT ASSIGNEE(S): Dytech Corporation Limited, Sheffield, GB

AGENT: CAESAR, RIVISE, BERNSTEIN,; COHEN & POKOTILOV, LTD.,  
11TH FLOOR, SEVEN PENN CENTER, PHILADELPHIA, PA,  
19103-2212, US

	NUMBER	PK	DATE
PATENT INFORMATION:	US 2004253279	A1	20041216
APPLICATION INFORMATION:	US 2004-820627		20040408

	APPLN. NUMBER	DATE	GRANTED PATENT NO. OR STATUS
CONTINUATION OF:	US 1999-269999	19990628	ABANDONED

	NUMBER	DATE
PRIORITY APPLN. INFO.:	GB 1996-207527	19961004
FAMILY INFORMATION:	US 2004253279	20041216
DOCUMENT TYPE:	Utility Patent Application - First Publication	
FILE SEGMENT:	CHEMICAL APPLICATION	
ENTRY DATE:	Entered STN: 20 Dec 2004 Last Updated on STN: 4 Jan 2007	

PARENT CASE DATA:

This Application is a Continuation of U.S. application Ser. No. 09/269,999 filed Jun. 28, 1999, which is a U.S. National Stage Application under 35 U.S.C. (sec) 371, based on the International Application No. PCT/GB97/02705 filed Oct. 1, 1997.

NUMBER OF CLAIMS: 18

L5 ANSWER 7 OF 24 INSPEC (C) 2007 IET on STN

ACCESSION NUMBER: 1999:6374788 INSPEC

DOCUMENT NUMBER: A1999-22-8120G-012

TITLE: Supersolidus liquid phase sintering of high speed steels. 3. Computer aided design of sinterable alloys

AUTHOR: Wright, C.S.; Youseffi, M.; Wronski, A.S.; (Dept. of Mech. & Med. Eng., Bradford Univ., UK), Ansara, I.; Durand-Charre, M.; Mascarenhas, J.; Oliveira, M.M.; Lemoisson, F.; Bienvenu, Y.

SOURCE: Powder Metallurgy (1999), vol.42, no.2, p. 131-46, 32 refs.  
CODEN: PWMTAU, ISSN: 0032-5899  
SICI: 0032-5899(1999)42:2L.131:SLPS;1-V  
Published by: Inst. Mater, UK

DOCUMENT TYPE: Journal



TREATMENT CODE: Experimental  
COUNTRY: United Kingdom  
LANGUAGE: English

L5 ANSWER 8 OF 24 MECHENG COPYRIGHT 2007 CSA on STN  
ACCESSION NUMBER: 2007138516 MECHENG  
DOCUMENT NUMBER: 200705-20-109395  
TITLES: The Warm Compaction Process. Basics, Advantages and Limitations  
AUTHOR: Bocchini, G F  
CORPORATE SOURCE: G F Bocchini  
SOURCE: Feb. 1998, 19980200  
Published by: Society of Automotive Engineers, 400 Commonwealth Dr., Warrendale, PA, 15096, USA, [DRL: [http://www.sae.org/servlets/productDetail?PROD\\_TYP=PAPER&PROD\\_CD=980334](http://www.sae.org/servlets/productDetail?PROD_TYP=PAPER&PROD_CD=980334) <http://www.sae.org>]  
NUMBER OF REPORT: SAE Document 980334  
DOCUMENT TYPE: Conference Article  
LANGUAGE: English  
NOTE: International Congress & Exposition, February 1998, Detroit, MI, USA, Session: P/M Applications

L5 ANSWER 9 OF 24 MECHENG COPYRIGHT 2007 CSA on STN  
ACCESSION NUMBER: 2004144182 MECHENG  
DOCUMENT NUMBER: 2001-61-000297  
TITLES: The warm compaction process. Basics, advantages and limitations  
AUTHOR: Bocchini, G F  
CORPORATE SOURCE: P/M Consulting  
SOURCE: SAE Transactions: Journal of Materials & Manufacturing. Vol. 107, pp. 225-236. 1998, Graphs, 5 ref.  
Published by: Society of Automotive Engineers, 400 Commonwealth Dr , Warrendale, PA, 15096, USA  
ISSN: 0096-736X  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE: Metadex (MD)

L5 ANSWER 10 OF 24 METADEX COPYRIGHT 2007 CSA on STN  
ACCESSION NUMBER: 2000(3):54-366 METADEX  
TITLE: Warm compaction of metal powders. why it works, why it requires a sophisticated engineering approach.  
AUTHOR: Bocchini, G.F. (P/M Consultant)  
SOURCE: Advances in Powder Metallurgy & Particulate Materials-1998. Volume 1, Parts 1-4 (June 1999), pp. 4.29-4.42, Graphs, 5 ref.  
Published by: Metal Powder Industries Federation. 105 College Rd. East, Princeton, NJ 08540-6692, USA  
Conference: 1998 International Conference and Exhibition on Powder Metallurgy and Particulate Materials, Las Vegas, NV, USA, 31 May-4 June 1999  
ISBN: 1-878954-68-7  
DOCUMENT TYPE: Conference Article  
COUNTRY: United States  
LANGUAGE: English

L5 ANSWER 11 OF 24 METADEX COPYRIGHT 2007 CSA on STN

ACCESSION NUMBER: 2000(1):54-130 METADEX  
TITLE: The warm compaction process. Basics, advantages and limitations.  
AUTHOR: Bocchini, G.F. (P/M Consulting)  
SOURCE: SAE Transactions: Journal of Materials & Manufacturing (1998), vol. 107, pp. 225-236, Graphs, Numerical Data, 5 ref.  
ISSN: 0096-736X  
DOCUMENT TYPE: Journal  
COUNTRY: United States  
LANGUAGE: English

L5 ANSWER 12 OF 24 PASCAL COPYRIGHT 2007 INIST-CNRS. ALL RIGHTS RESERVED.  
on STN

ACCESSION NUMBER: 1999-0414117 PASCAL  
COPYRIGHT NOTICE: Copyright .COPYRGT. 1999 INIST-CNRS. All rights reserved.  
TITLE (IN ENGLISH): Warm compaction of metal powders : why it works, why it requires a sophisticated engineering approach  
AUTHOR: BOCCHINI G. F.  
CORPORATE SOURCE: Via A. Vespucci 48/18, Rapallo 16035, Italy  
SOURCE: Powder metallurgy, (1999), 42(2), 171-180, 13 refs.  
ISSN: 0032-5899 CODEN: PWMTAU  
DOCUMENT TYPE: Journal  
BIBLIOGRAPHIC LEVEL: Analytic  
COUNTRY: United Kingdom  
LANGUAGE: English  
AVAILABILITY: INIST-9286, 354000085876030080

L5 ANSWER 13 OF 24 PASCAL COPYRIGHT 2007 INIST-CNRS. ALL RIGHTS RESERVED.  
on STN

ACCESSION NUMBER: 1999-0414112 PASCAL  
COPYRIGHT NOTICE: Copyright .COPYRGT. 1999 INIST-CNRS. All rights reserved.  
TITLE (IN ENGLISH): Supersolidus liquid phase sintering of high speed steels. Part 3: Computer aided design of sinterable alloys  
AUTHOR: WRIGHT C. S.; YOUSEFFI M.; WRONSKI A. S.; ANSARA I.; DURAND-CHARRE M.; MASCARENHAS J.; OLIVEIRA M. M.; LEMOISSON F.; BIENVENU Y.  
CORPORATE SOURCE: Engineering Materials Research Group, Department of Mechanical and Medical Engineering, University of Bradford, Bradford BD7 1DP, United Kingdom; INPG, BP 75, 38402 St Martin d'Heres, France; INETI, Lisbon, Portugal; Ecole des Mines de Paris, Centre des Materiaux, 91003 Evry, France  
SOURCE: Powder metallurgy, (1999), 42(2), 131-145, 28 refs.  
ISSN: 0032-5899 CODEN: PWMTAU  
DOCUMENT TYPE: Journal  
BIBLIOGRAPHIC LEVEL: Analytic  
COUNTRY: United Kingdom  
LANGUAGE: English  
AVAILABILITY: INIST-9286, 354000085876030030

L5 ANSWER 14 OF 24 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN

ACCESSION NUMBER: 1999:604619 SCISEARCH  
THE GENUINE ARTICLE: 222HM  
TITLE: Warm compaction of metal powders: why it works, why it requires a sophisticated engineering approach  
AUTHOR: Bocchini G F (Reprint)  
CORPORATE SOURCE: Via A Vespucci 48-18, I-16035 Rapallo, Italy (Reprint)  
COUNTRY OF AUTHOR: Italy  
SOURCE: POWDER METALLURGY, (1999) Vol. 42, No. 2, pp. 171-180.  
ISSN: 0032-5899.  
PUBLISHER: I O M COMMUNICATIONS LTD INST MATERIALS, 1 CARLTON HOUSE TERRACE, LONDON SW1Y 5DB, ENGLAND.  
DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 13  
ENTRY DATE: Entered STN: 1999  
Last Updated on STN: 1999  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L5 ANSWER 15 OF 24 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN

ACCESSION NUMBER: 1999:604614 SCISEARCH  
THE GENUINE ARTICLE: 222HM  
TITLE: Supersolidus liquid phase sintering of high speed steels Part 3: computer aided design of sinterable alloys  
AUTHOR: Wright C S (Reprint); Youseffi M; Wronski A S; Ansara I; Durand-Charre M; Mascarenhas J; Oliveira M.M; Lemoisson F; Bienvenu Y  
CORPORATE SOURCE: Univ Bradford, Dept Mech & Media Engn, Engn Mat Res Grp, Bradford BD7 1DP, W Yorkshire, England (Reprint); Inst Natl Polytech Grenoble, F-38402 St Martin Dheres, France; INETI, Lisbon, Portugal; Ecole Mines Paris, Ctr Mat, F-91003 Evry, France  
COUNTRY OF AUTHOR: England; France; Portugal  
SOURCE: POWDER METALLURGY, (1999) Vol. 42, No. 2, pp. 131-146.  
ISSN: 0032-5899.  
PUBLISHER: I O M COMMUNICATIONS LTD INST MATERIALS, 1 CARLTON HOUSE TERRACE, LONDON SW1Y 5DB, ENGLAND.  
DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 32  
ENTRY DATE: Entered STN: 1999  
Last Updated on STN: 1999  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L5 ANSWER 16 OF 24 TEMA COPYRIGHT 2007 FIZ TECHNIK on STN

ACCESSION NUMBER: M99071675678 TEMA  
TITLE: Supersolidus liquid phase sintering of high speed steels. Part 3: computer aided design of sinterable alloys  
AUTHOR: Wright, C.S.; Youseffi, M.; Wronski, A.S.; Ansara, I.; Durand-Charre, M.; Mascarenhas, J.; Oliveira, M.M.; Lemoisson, F.; Bienvenu, Y.  
CORPORATE SOURCE: Univ. of Bradford, GB; INPG St. Martin d'Heres, F; INETI Lisbon, P; Ecole des Mines de Paris, Evry, F  
SOURCE: Powder Metallurgy, 1999, v. 42 (2), p131-146, 16pp,13fig.,14tab.,32ref.ISSN: 0032-5899  
DOCUMENT TYPE: Journal

LANGUAGE: English

L5 ANSWER 17 OF 24 TEMA COPYRIGHT 2007 FIZ TECHNIK on STN  
 ACCESSION NUMBER: M99071680678 TEMA  
 TITLE: Warm compaction of metal powders: why it works, why it requires a sophisticated engineering approach  
 AUTHOR: Bocchini, G.F.  
 SOURCE: Powder Metallurgy, 1999, v. 42 (2), p171-180, 10pp,9fig.,3tab.,13ref.ISSN: 0032-5899  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L5 ANSWER 18 OF 24 USPATFULL on STN  
 ACCESSION NUMBER: 2005:16572 USPATFULL  
 TITLE: Implant  
 INVENTOR(S): Richter, Paul Wilhelm, Pretoria, SOUTH AFRICA  
 Ripamonti, Ugo, Constantia, SOUTH AFRICA  
 Thomas, Michael Edward, Pretoria, SOUTH AFRICA  
 Coetzee, Gert Hendrik Jacobus, Pretoria, SOUTH AFRICA  
 LR

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005013973	A1	20050120
APPLICATION INFO.:	US 2004-466659	A1	20040506 (10)
	WO 2002-IB80		20020114

	NUMBER	DATE
PRIORITY INFORMATION:	ZA 2001-575	20010119
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	William S Frommer, Frommer Lawrence & Haug, 745 Fifth Avenue, New York, NY, 10151	
NUMBER OF CLAIMS:	35	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	699	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L5 ANSWER 19 OF 24 USPATFULL on STN  
 ACCESSION NUMBER: 2004:320626 USPATFULL  
 TITLE: Production of porous articles  
 INVENTOR(S): Smith, Robert Terence, Rotherham, UNITED KINGDOM  
 Sambrook, Rodney Martin, Sheffield, UNITED KINGDOM  
 PATENT ASSIGNEE(S): Dytech Corporation Limited, Sheffield, UNITED KINGDOM (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004253279	A1	20041216
APPLICATION INFO.:	US 2004-820627	A1	20040408 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-269999, filed on 28 Jun 1999, ABANDONED A 371 of International Ser. No. WO 1997-GB2705, filed on 1 Oct 1997, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1996-20752	19961004
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CAESAR, RIVISE, BERNSTEIN,, COHEN & POKOTILOW, LTD., 11TH FLOOR, SEVEN PENN CENTER, PHILADELPHIA, PA, 19103-2212	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	CLM-01-19	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	395	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L5 ANSWER 20 OF 24 USPATFULL on STN  
 ACCESSION NUMBER: 2003:213501 USPATFULL  
 TITLE: Process for producing ceramic member for bonding,  
 ceramic member for bonding, vacuum switch, and vacuum  
 vessel  
 INVENTOR(S): Makino, Yusuke, Kasugai-shi, JAPAN  
 PATENT ASSIGNEE(S): NGK SPARK PLUG CO., LTD. (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003148138	A1	20030807
	US 6733871	B2	20040511
APPLICATION INFO.:	US 2002-265144	A1	20021007 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2001-310026	20011005
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SUGHRUE MION, PLLC, 2100 PENNSYLVANIA AVENUE, N.W., WASHINGTON, DC, 20037	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	1553	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L5 ANSWER 21 OF 24 USPATFULL on STN  
 ACCESSION NUMBER: 2000:106197 USPATFULL  
 TITLE: Continuous microwave rotary furnace for processing  
 sintered ceramics  
 INVENTOR(S): Jayan, Ponnarassery Sukumaran, Quarter No. 1  
 Carborundum Universal Ltd Kalamassery Development Plot,  
 Cochin 683109, India  
 Ananthaseshan, Narayanan, 19th J M Gardens, Pallikkavu  
 Temple Rd., Vaduthala, Ernakulam 682 023, India  
 Subramaniam, Balachandran, "The Kasl", Yamuna Nagar,  
 South Kalamassery Cochin University P.O., Kochi 682  
 022, India  
 Murugappan, Murugappan Vellayan, 15, Boat Club Rd.,  
 Chennai 600 028, India

NUMBER	KIND	DATE
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PATENT INFORMATION: US 6104015 20000815  
APPLICATION INFO.: US 1999-227872 19990108 (9)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Walberg, Teresa  
ASSISTANT EXAMINER: Pwu, Jeffrey C  
LEGAL REPRESENTATIVE: Felsman, Bradley, Vaden, Gunter & Dillon, L.L.P.  
NUMBER OF CLAIMS: 15  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)  
LINE COUNT: 416

L5 ANSWER 22 OF 24 USPATFULL on STN  
ACCESSION NUMBER: 1999:137154 USPATFULL  
TITLE: Microwave dielectric porcelain composition  
INVENTOR(S): Mizui, Toshihiro, Ise, Japan  
PATENT ASSIGNEE(S): NGK Spark Plug Co., Ltd., Aichi, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5977005		19991102
APPLICATION INFO.:	US 1998-78551		19980514 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-157575	19970529
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Group, Karl	
LEGAL REPRESENTATIVE:	Sughrue, Mion, Zinn, Macpeak & Seas, PLLC	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	428	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 23 OF 24 USPATFULL on STN  
ACCESSION NUMBER: 1998:123413 USPATFULL  
TITLE: Dielectric ceramic composition and monolithic ceramic capacitor using the same  
INVENTOR(S): Mizuno, Shinobu, Muko, Japan  
Tanaka, Hidehiko, Shiga-ken, Japan  
PATENT ASSIGNEE(S): Murata Manufacturing Co., Ltd., Kyoto, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5818686		19981006
APPLICATION INFO.:	US 1997-906036		19970805 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1996-206083	19960805
	JP 1996-206084	19960805
DOCUMENT TYPE:	Utility	

FILE SEGMENT: Granted  
PRIMARY EXAMINER: Kincaid, Kristine L.  
ASSISTANT EXAMINER: Dinkins, Anthony  
LEGAL REPRESENTATIVE: Ostrolenk, Faber, Gerb & Soffen, LLP  
NUMBER OF CLAIMS: 20  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 5 Drawing Figure(s); 4 Drawing Page(s)  
LINE COUNT: 1615  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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LOGOFF? (Y)/N/HOLD:y

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FULL ESTIMATED COST	176.99	177.20

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